

**HANDBOOK ON IIT
ACTIVITIES GIVEN
TO ALL FRESHMEN**

**Sphinx Publisher Of
Handy Guide**

Though few students other than freshmen have had the opportunity to procure the new Activities Handbook, the fact remains that such a booklet was published at the start of the semester. The purpose of the booklet was "the enlightenment of freshmen and new students on the matter of extra-curricular activities and customs at Illinois Tech," as stated in the publication's foreword. Actually, the booklet contains vital information on all extra-curricular at IIT.

Written in story form, the Activities Handbook depicts the first turbulent weeks of life at IIT as encountered by two freshmen—Shirley Ann and Hubert. As the story progresses, the various school activities are presented and explained. The cover of the handbook is appropriately made up in scarlet and gray—the official colors of IIT.

Although the printing of the handbook was paid for by the ITSA, Sphinx, honorary literary society, sponsored the actual writing and composition. The five students who participated in the handbook's publication are Dan Brown, Tom Brown, Bud Carlson, Gertrude Portugal, and Warren Spitz.

Copies Still Available

A limited number of copies of the handbook are still available for interested upperclassmen and may be obtained at the information desk in the main building at Armour and the Registrar's office at Lewis for as long as this supply holds out.

**Research Foundation
Develops Process To
Stop "Spud" Spoilage**

The following represents a scene of the future:

Housewife: "I want a peck of potatoes."

Grocer: "You mean a peck of cooked potatoes, madame?"

Housewife: "No, sir! I mean just plain potatoes."

Grocer: "Sorry lady, you'll eat cooked potatoes or no potatoes."

The preceding scene is exaggerated, but such is the shape of things to come. Potato shippers and buyers have long been plagued with the problem of bacterial soft rot, a condition which causes immense spoilage and great losses. A patented process, the culmination of 14 months of work in the Armour Research Foundation well promises to eradicate this condition.

Principle Stumbled On

A group of Florida potato growers stumbled on the principle underlying the prevention of soft rot in potatoes. By subjecting potatoes to a hot air blast before shipment, it was found that spoilage was almost completely prevented. Fifteen thousand carloads of potatoes shipped after this air cooking treatment remained unspilled. Desiring to know exactly the nature of the process, they asked the Armour Research Foundation to undertake a study of the problem.

The program of the Foundation was threefold. First, the exact nature of the physical and chemical reactions involved were to be ascertained. Second, control facilities were to be developed. Third, the original drying equipment was to be improved to the point where it would be commercially practicable. Laboratory experimentation disclosed that often the potatoes had been air cooked. "The periderm, or outside skin, through heat treatment, underwent an increase in the number of cells that

**Big Pledge Turnout
Boosts Camera Club**

Shutterbugs, camera-maniacs, picture-snappers, photo-clickers, call them what you will, but it is evident that they are well represented on the Armour campus, judging from the turnout of new pledges to "The Eye." Officers and old members started things moving by acquainting the pledges with the equipment in the club rooms.

Scheduled for Oct. 17, is the first night meeting of this season. All members and pledges are to meet in the clubrooms at 5 p.m. A lecture and demonstration on toning prints will be given by Henry W. Hermanovich, and at this time each member will be required to submit at least two mounted prints.

Friday Deadline

Mr. George Raymond will show an interesting series of Kodachrome color slides made this past summer in northern Michigan. After the meeting the fellows will spend a gluttonous evening in Chinatown.

Anyone who was not able to come to the last meeting may still join the club Friday night. Lewis students are especially invited. After Friday no new members will be taken in, so don't miss this opportunity.

Summer vacations have given the members a vast supply of new pictures which will soon be exhibited in the student union. Be sure to watch for them!

formed a barrier preventing entrance of soft rot bacteria." A sterilization effect was also observed. The second and third parts of the program were attained by improvements in the original machine which can be bought today for \$5,000.

Moving Belt Carries Potatoes

The machine primarily consists of a moving belt which carries the potatoes through blasts of heated air. The heat may be supplied in either of two ways. The first method utilizes oil burners and heat exchanges. In the second method the oil burner first heats a steam boiler which then transmits the heat to the air through steam radiators.

**EDT Evening Course
Opens Soon at IIT;
1000 Men To Attend**

During the coming week, the Engineering Defense Training Program will get under way. Approval has been received from the U. S. Office of Education for the planned courses, and great volumes of publicity have been sent out. Enrolling approximately one thousand individuals, the program will consist of about one hundred sections of forty courses. As in previous years, all of the instructors will come from industry. The students will be mainly men employed in defense industries, whose efficiency can be increased by short term intensive courses.

New Courses Offered

Similar to last year's evening class, the program will place greater emphasis on the field of electricity and communication. Several unusual courses are being offered, one being a series of eight discussions on defense production problems, at which outstanding experts from the government offices will discuss one phase each evening. The discussions will be put into pamphlet form, and will form a series of authoritative statements on today's existing defense production situation. Because of rapid production changes, this course will probably have to be repeated after the first eight week session.

Prospective inspectors for the Chicago Ordnance District are now being trained in daytime courses at the Lewis branch. The twelve week course shows an attendance of 160 men, and an additional 240 men are being recruited. Forty hours of instruction a week are necessary for these courses.

**DOCTOR FREEMAN
TELLS BENEFIT OF
AIEE MEMBERSHIP**

If you're a juicer act now and become a brother of your professional society. The meaning of this statement was fully explained at the meeting of the American Institute of Electrical Engineers on Friday, Oct. 10, 1941.

Dr. Ernest H. Freeman, professor of electrical engineering, was the guest speaker. He emphasized the fact that every young juicer who looks forward to a career of accomplishment should

**FACULTY, STUDENT
COMMITTEES ACT
ON LEWIS LOUNGE**

At the first official meeting of the liberal arts students council, Steve Mendak, senior class president, was elected vice-president; Florence Moss, secretary; and Jack Halloran, treasurer. Bob Meyer, having been voted president at the spring election, will continue at the helm of this group throughout the year.

Reading of reports by the Student Lounge committee was featured at this short meeting. This group was appointed at an emergency meeting earlier this year to investigate the potentiality of securing space and equipment for a student lounge on the west campus. Bud Carlson, junior class vice-president, is chairman of the committee which includes Florence Bartusek, Helen Gordon, Robert Meyer, and Florence Moss.

Dean Clarke Names Committee

After reading the reports which were submitted to him, Dean Clarence L. Clarke named four members of the faculty to serve as a committee which will co-operate with the student committee in overcoming the difficulties incidental with such a project. Comprising this group are Dr. Ruth C. Clouse, chairman of the home economics department; Miss Marie Blanke, chairman of the art department; Mrs. Helen S. Mackenzie, assistant professor of chemistry; and Mr. Norman Kharasch, instructor of chemistry.

The payment of a student activity fee by liberal art students automatically affiliate their student council with the Illinois Tech Student association, thereby affording greater opportunities for more efficient student self-government. Following this preliminary discussion the council adjourned until their next scheduled meeting which is to be held on Monday, October 13.

join his fellows to gain their aid, fellowship, and ideals. The electrical industry of the future will want a great deal more from the college student of today than was expected in previous years. How shall the student prepare himself to measure up to these demands?

Promote Good Speaking

By joining the AIEE the student can become acquainted with his engineering brothers and keep up to date with new developments that are taking place in the electrical field. The student branch at Armour college is one of the many branches of the AIEE, whose principal purpose is to function as an organization under the auspices of the Institute.

A large majority of the branch meetings are devoted to programs which include student speakers, discussion of papers, reports, abstracts, participation in inspection trips to places of engineering interest, etc. There is no knowledge that will be of greater value to the student in the future than the ability to stand before an audience and present his ideas clearly and convincingly. These meetings offer an ideal opportunity for the development of such ability.

16 Divisions to Profession

The membership of the Institute branch includes executive officers and engineers engaged in many fields of activity. The principal divisions of the profession are distributed under 16 technical committees of the Institute. Some of them are as follows: electrical machinery, electric welding, electrometallurgy, industrial power applications, power transmission, industrial power stations, and protective devices.

**RULES AND REGULATIONS FOR
STUDENT UNION BUILDING**

I.--Management

1. The management of this building, excepting the dining hall and book store, is in the hands of the student union and the appointed manager. The manager shall be in direct charge. Any controversies arising shall be settled by the board.
2. The management of the dining room and the book store, as well as all financial matters pertaining to the Student Union building, is in the hands of the treasurer of the Institute. The student board and the manager shall assume responsibility for student conduct in the lunchroom and the bookstore.
3. The board shall meet the first and third Wednesday of every month and any other time as may be considered necessary by the chairman of the board. Adjournment over a definite period of time shall be voted upon by the board.
4. Students having complaints or suggestions to the board should file same with the chairman of the board or the manager of the Student Union at least two days before the board meets.
5. Requests for rooms (meeting or dining) or the entire building must be in the hands of the manager at least one week in advance of the day desired. A policy of first come, first served shall apply until circumstances warrant a change.

II.--Hours

1. The Student Union building will be open for student use on: Weekdays (except Wednesday and Saturday)—8:00 a. m.—10:00 p. m. Wednesday—8:00 a. m.—5:00 p. m. Saturday—8:00 a. m.—12:00 noon. These hours do not apply to either the dining hall or the book store, and they are subject to change without notice by either the manager or the board.
2. The Student Union building shall be open for use at any other time as may be deemed necessary by the manager or the board.

III.--The Dining Hall

1. The dining hall shall be the only room to be used by the students for eating purposes.
2. Card playing, chess, checkers or studying is PROHIBITED at all times.

IV.--Study Hall and Auditorium

1. Smoking or card playing will not be permitted.
2. The chairs and tables are not to be moved.
3. That a degree of silence conducive to study be maintained.

V.--Lounge

1. Studying in the lounge will NOT be permitted. Studying here applies to written work. Reading will be allowed.
2. The lamps are not to be moved.
3. The larger chairs should not be moved. Any small chair moved should be returned to its proper place.
4. Card playing should be confined to the tables as provided. Gambling will NOT be tolerated.

VI.--General

1. In all cases, gentlemanly conduct is expected of all students. Suspension from the use of the facilities of the building for a definite period of time shall serve as the penalty for any infraction of the rules, or the understood rules of good conduct.
2. Any room in the Student Union may be closed at the discretion of the manager or the board.
3. Students found guilty of damaging or destroying property of the Union building will be charged for the necessary repairs.
4. All intramural equipment will be kept in the check room.

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**"Our 26th Year"
In The Lewis Institute Building**